

# APPENDIX A

BENCHMARK CHARACTERISTICS ANALYSIS OF  
DAT FROM FIXED STATIONS IN THE  
KANKAKEE RIVER WATERSHED  
1991 TO 1997

Station: KR-68		Confid.	Confid.	Median	Sum	Minimum	Maximum	Lower	Upper	Quantile	Range	Quantile	Range	Standard	Sid Err.	Sid Err.	Sid Err.		
Alkalinity (mg/l)	Valid N	Mean	-95.000%	+95.000%	Median	Sum	Minimum	Maximum	Lower	Upper	Quantile	Range	Quantile	Range	Variance	Sid Err.	Skewness	Kurtosis	Sid Err.
Ammonia (mg as N)	65	191.0154	183.5487	198.4482	196	12416	104	259	176	208	155	32	908.0154	30.1329	3.737575	-0.99619	0.297116	1.727524	0.586236
BOD (mg/l)	65	0.077846	0.060088	0.095604	0.05	5.06	0.01	0.5	0.05	0.05	0.49	0	0.005136	0.071665	0.0080889	3.797328	0.297116	18.56508	0.586236
COD (mg/l)	32	1.046375	0.75186	1.33564	0.5	33.4	2.5	4.2	1.55	1.55	3.7	1.05	0.655444	0.809585	0.143117	0.141457	6.317957	0.808371	0.586236
Cyanide (mg/l)	62	20.10462	18.26631	21.91292	19.8	1306.8	2.5	49.6	14.6	25	47.1	10.4	55.25735	7.729804	0.905181	1.001476	0.297116	3.213658	0.586236
Nitrate (mg as N)	65	0.00521	0.005043	0.005376	0.005	0.323	0.005	0.008	0.005	0.005	0.003	0	4.3E-07	0.000566	8.3E-05	3.349901	0.303902	10.79522	0.596288
Total Phosphorus (mg as P)	65	1.623846	1.315484	1.932208	1.2	50.55	0.015	9	0.9	1.9	8.25	1	1.54688	1.24446	0.154356	3.353554	0.297116	18.7385	0.586236
Total Solids (mg/l)	65	0.081692	0.070844	0.092524	0.07	5.05	0.015	0.24	0.05	0.11	0.25	0.06	0.001917	0.034779	0.00543	0.297116	1.477937	0.586236	0.586236
Suspended Solids (mg/l)	65	432.8154	408.536	457.0948	429	28133	205	1020	409	452	815	43	9600.997	97.88468	12.1535	3.106822	0.297116	20.8775	0.586236
Dissolved Solids (mg/l)	65	25.01538	19.58954	30.44123	20	1626	2	152	13	32	150	19	479.4841	21.69713	2.716004	3.349365	0.297116	17.1816	0.586236
Sulfate (mg/l)	0																		
TKN (mg as N)	0	0.829688	0.742737	0.916638	0.8	53.1	0.3	2	0.6	1	1.7	0.4	0.121168	0.348092	0.043512	1.141134	0.299327	1.668087	0.590491
E.coli (CFU/100ml)	64	414.0164	175.0904	652.9424	110	25255	5	5000	40	260	4995	220	870296.5	932.8968	119.4452	3.60213	0.306627	13.35054	0.603837
TOC (mg/l)	0																		
Hardness (mg/l)	65	287.2	275.9497	298.4503	300	18668	126	338	280	316	212	36	2061.413	45.40278	5.631522	-1.91749	0.297116	3.65038	0.586236
Chloride (mg/l)	0	9.448	8.801074	9.994926	9.595	472.4	6.22	13.46	7.8	10.78	7.24	2.98	3.703555	1.924462	0.272716	0.13059	0.336601	-0.90478	0.661908
Dissolved Oxygen (mg/l)	50	7.662973	7.762444	7.962301	7.89	400.981	6.73	8.92	7.7	8.04	2.19	0.34	0.128225	0.355286	0.049751	-0.50073	0.333464	3.538875	0.65592
pH	51	3.998462	2.981649	5.015274	4	259.9	2	33	2	5	31		8.619322	4.930581	0.508984	5.747459	0.297116	39.88565	0.586236
Copper (ug/l)	65	1427.692	1194.799	1660.585	1200	92800	260	6300	740	1900	6040	1160	88338.9	93.8882	116.5741	2.375811	10.20166	0.586236	0.586236
Iron (ug/l)	65	10.87385	9.215594	12.5321	10	706.8	2.25	40	6.9	10	37.75	3.1	44.78587	6.692224	0.830068	1.888481	0.297116	5.203761	0.586236

Station: KR-118

	Valid N	Mean	Confid. -95.000%	Confid. +95.000%	Median	Sum	Minimum	Maximum	Lower Quartile	Upper Quartile	Range	Quartile Range	Variance	Std.Dev.	Standard Error	Skewness	Std Err.	Kurtosis	Std Err.
Alkalinity (mg/l)	68	217.8382	211.5593	224.1172	225	14813	113	268	211.5	233	155	21.5	672.9137	25.94058	3.145758	-1.92263	0.290765	5.023789	0.574005
Ammonia (mg/l as N)	69	0.091304	0.074702	0.107906	0.05	6.3	0.05	0.3	0.05	0.1	0.25	0.05	0.004776	0.06911	0.00832	1.698447	0.288737	1.943129	0.570095
BOD (mg/l)	32	1.26875	0.882122	1.655378	1	40.6	0.5	5.1	0.5	1.65	4.6	1.15	1.14996	1.072362	0.189569	1.92519	0.414457	4.299515	0.809371
COD (mg/l)	69	20.0942	17.93984	22.24856	18	1386.5	10	65	14.1	21.6	55	7.5	80.42585	8.968046	1.079626	2.440144	0.288737	9.113941	0.570095
Cyanide (mg/l)	69	0.005043	0.004979	0.005108	0.005	0.348	0.005	0.007	0.005	0.005	0.002	0	7.2E-08	0.000268	3.2E-05	6.605273	0.288737	45.38393	0.570095
Nitrate (mg/l as N)	69	1.737681	1.239825	2.235537	1.2	119.9	0.6	16	1	1.6	15.4	0.6	4.29503	2.072445	0.249493	5.643555	0.288737	35.62735	0.570095
Total Phosphorus (mg/l as P)	69	0.063188	0.050409	0.075968	0.05	4.36	0.015	0.36	0.04	0.07	0.345	0.03	0.00283	0.053199	0.006404	3.163842	0.288737	14.25995	0.570095
Total Solids (mg/l)	68	432.7059	420.0387	445.3731	428.5	29424	322	711	416.5	448	389	31.5	2738.718	52.33276	6.34628	2.623118	0.290765	13.04504	0.574005
Suspended Solids (mg/l)	68	25.13235	11.85395	38.41075	17	1709	2	460	10	25	458	15	3009.37	54.85773	6.652477	7.656304	0.290765	61.3365	0.574005
Dissolved Solids (mg/l)	0																		
Sulfate (mg/l)	0																		
TKN (mg/l as N)	69	0.802899	0.704973	0.900824	0.7	55.4	0.3	3.1	0.6	0.9	2.8	0.3	0.166168	0.407637	0.049074	2.908348	0.288737	13.96736	0.570095
E. coli (CFU/100ml)	68	834.7794	433.6986	1235.86	275	56765	5	9400	91.5	610	9395	518.5	2745668	1657.006	200.9414	3.549123	0.290765	14.03474	0.574005
TOC (mg/l)	0																		
Hardness (mg/l)	68	303.0294	292.5666	313.4922	317.5	20606	160	398	272.5	334.5	238	62	1868.447	43.22554	5.241866	-1.03348	0.290765	1.434707	0.574005
Chloride (mg/l)	1	16				16	16	16											
Dissolved Oxygen (mg/l)	55	9.446727	9.00603	9.887424	9.56	519.57	6.04	12.86	7.82	10.45	6.82	2.63	2.657459	1.630172	0.219812	-0.00611	0.321742	-0.5887	0.633507
pH	54	7.816111	7.739901	7.892322	7.85	422.07	6.83	8.47	7.72	7.96	1.64	0.24	0.07796	0.279213	0.037996	-0.8472	0.324556	2.365677	0.638893
Copper (ug/l)	70	3.014286	2.438047	3.590524	2	211	2	18	2	4	16.4	2	5.840373	2.416686	0.288849	4.111483	0.28675	21.78247	0.566265
Iron (ug/l)	70	1442.429	939.048	1945.809	1150	100970	240	18000	730	1600	17760	870	4456859	2111.127	252.328	7.196904	0.28675	56.73122	0.566265
Zinc (ug/l)	70	10.53071	7.880829	13.1806	10	737.15	2.25	90	5	10	87.75	5	123.5066	11.11335	1.3283	5.528688	0.28675	38.47316	0.566265

# APPENDIX B

KANKAKEE RIVER WATERSHED WATERS  
ASSESSED IN THE CLEAN WATER ACT SECTION  
305(B) REPORT  
1994 TO 1995

**KANKAKEE RIVER WATERSHED WATERS  
ASSESSED IN THE CLEAN WATER ACT SECTION 305(B) REPORT  
1994 TO 1995**

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Travis Ditch	Kingsbury LaPorte	NS (Aquatic Life) PS (Recreational)	Monitored (c) (b)	E. <u>coli</u>	13.2	Biological Assessment "very Poor" 3 miles south of LaPorte.
Kingsbury Creek	Kingsbury	NS (Aquatic Life) NS (Recreational )	Monitored (c) (b)	E. <u>coli</u>	9.3	Biological Assessment "Poor".
Kankakee River	Crumstown	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E. <u>coli</u>	15.8	
Kankakee River	English Lake	FS (Aquatic Life)	Monitored (c)		5.0	Alachlor found above detection level at .12 ug/l.
Kankakee River	Shelby	FS (Aquatic Life)	Monitored (c)		23.0	
Kankakee River	Hamlet	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E. <u>coli</u>	3.4	
Kankakee River	Knox	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E. <u>coli</u>	5.5	
Barringer Ditch	Mill Creek	FS (Aquatic Life)	Monitored (c)		0.7	
Dixon West Place Ditch	South Bend	FS (Aquatic Life)	Monitored (c)		8.0	
Little Kankakee	LaPorte	NS (Aquatic Life)	Monitored (b)		3.0	Biological Assessment "very poor" near headwaters.
Little Kankakee	Fish Lake	FS (Aquatic Life)	Monitored (c) (b)		7.0	
Pine Creek	Walkerton	NS (Aquatic Life)	Monitored (c) (b)		29.0	Biological Assessment "Poor".
Geyer Ditch	New Carlisle	NS (Aquatic Life)	Monitored (c) (b)		11.2	Biological Assessment "Poor".

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Laskowski Ditch	Crumstown	FS (Aquatic Life)	Monitored (c)		6.0	
County Line Ditch	Crumstown	PS (Aquatic Life)	Monitored (c)	Ammonia TSS	11.5	
Niespodziany Ditch	Crumstown	PS (Aquatic Life)	Monitored (c)	Ammonia D.O.	6.0	New Carlisle STP
Mill Creek	Union Mills	FS (Aquatic Life)	Monitored (c) (b)		8.0	High BOD no significant impacts to stream.
Potato Creek	North Liberty	NS (Aquatic Life)	Monitored (c) (b)		7.0	Biological Assessment "Poor".
Sherman Emmans Ditch	LaPaz	FS (Aquatic Life)	Monitored (c)		5.0	
Peter Sarber Ditch	LaPaz	FS (Aquatic Life)	Monitored (c) (b)		5.0	
Peter Sarber Ditch	Walkerton	NS (Aquatic Life)	Monitored (b)		12.0	Biological Assessment "Poor"
Breckenridge Ditch	Kingsbury	FS (Aquatic Life)	Monitored (c)		11.0	
Breckenridge Ditch	Stillwell	NS (Aquatic Life)	Monitored (b)		6.0	Biological Assessment "Poor"
Yellow Bank River	Teegarden	FS (Aquatic Life)	Monitored (c)		9.0	
Yellow River	Bremen	FS (Aquatic Life)	Monitored (c) (b)		4.0	Includes Run-off from Prairie View Landfill. Biological Assessment "Poor" north of Bremen.
Yellow River	Bremen	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	7.0	Biological Assessment "Poor"

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Yellow River	Inwood	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	6.4	
Yellow River	Plymouth	FS (Aquatic Life)	Monitored (b)		13.0	Biological Assessment “Excellent” 4.5 miles south of Plymouth.
Yellow River	Plymouth	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	4.5	
Yellow River	Plymouth	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	7.5	
Yellow River	Knox	FS (Aquatic Life Threatened) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	29.8	Knox STP under Agreed Order for new construction.
Yellow River	Knox	FS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u> D.O. Bypassing	11.2	
Newcomer, Anthony Gross, Lehman-Brink Ditches	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		24.0	
Sara Hershberger Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		5.3	
Kline Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		7.2	
Army Ditch	Bremen	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u> CSO's	10.0	Biological Assessment “Poor”.
Heston Ditch	Lakeville	FS (Aquatic Life) FS (Recreational)	Monitored (c)		1.8	
Kehman Ditch	LaPaz	FS (Aquatic Life) FS (Recreational)	Monitored (c)		3.9	Includes Laville High School STP discharge.

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Shidler-Hoffman Ditch	Wyatt	FS (Aquatic Life) FS (Recreational)	Monitored (c)		3.8	
W. Branch Bunch Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		7.5	Includes Lakeville STP Lagoon Discharge.
E. Branch Bunch Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		13.6	
Stock Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		4.7	
Dausman Ditch	Bremen	FS (Aquatic Life Threatened) NS (Recreational)	Monitored (c) (b)	E.coli	30.7	Mikel Mobile Home Park STP poorly operated and maintained.
Lemler Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		4.2	
Brook Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		6.8	
Border Ditch	Bremen	FS (Aquatic Life) FS (Recreational)	Monitored (c)		1	
Martin & Walt Kimble Ditches	Linkville	FS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u>	7.4	
Isacc Sells Ditch	Linkville	FS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u>	4.1	
Crews Ditch	Inwood	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	20.2	Biological Assessment, "Poor". Located 5 mile east of Plymouth.
Elmer Seltenright Ditch	LaPaz	NS (Aquatic Life)	Monitored (b)		2.0	Biological Assessment "Poor".
Elmer Seltenright Ditch	Plymouth	FS (Aquatic Life Threatened) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	9.6	Gatewood Mobile Home Park STP poorly operated and maintained.
Schuh Ditch	Plymouth	FS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u>	4.4	
Bogus Run	English Lake	FS (Aquatic Life)	Monitored (c) (b)		30.0	



<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Bogus Run	Denham	NS (Aquatic Life)	Monitored (b)		6.0	Biological Assessment, "Poor".
Pine Creek	Denham	FS (Aquatic Life)	Monitored (c)		4.7	
Pine Creek	N. Judson	PS (Aquatic Life) FS (Recreational)	Monitored (c)	D.O.	3.9	
Pitner Ditch and tributaries	LaCrosse	FS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u>	60.1	
Origer Ditch	English Lake	FS (Aquatic Life)	Monitored (c)		10.8	
Payne Ditch	English Lake	FS (Aquatic Life) FS (Recreational)	Monitored (c)		13.2	
Keller Arm and tributaries	English Lake	FS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u>	2.0	Only Lawton Ditch sampled.
Davis Ditch	Wheatfield	FS (Aquatic Life) FS (Recreational)	Monitored (c)		7.2	
Cook Ditch	LaCrosse Kouts	FS (Aquatic Life) FS (Recreational)	Monitored (c)		23.6	
Reeves Ditch	Kouts	FS (Aquatic Life) FS (Recreational)	Monitored (c) (b)		9.7	
Slocum/Topper Ditch	Wanatah	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	<u>E.coli</u>	23.0	
Topper Ditch	Wanatah	NS (Aquatic Life)	Monitored (c) (b)		12.0	Biological Assessment, "Poor".
Topper Ditch	Wanatah	NS (Aquatic Life)	Monitored (b)		4.0	Biological Assessment, "Poor".
Geiger Ditch	LaCrosse	FS (Aquatic Life)			19.4	
Geiger Ditch	Kouts	NS (Aquatic Life) NS (Recreational)	Monitored (b)	D.O. <u>E.coli</u>	2.0	Biological Assessment, "Poor".

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Crumpacker Arm/Wright Arm	Westville	NS (Aquatic Life) NS (Recreational)	Monitored (c)	<u>E.coli</u> Ammonia D.O.	1.0	No sample from Wright Arm, Degradation Due to Westville STP and Westville Correctional STP. Occasional low D.O.
Forbes Ditch	Westville	NS (Aquatic Life) NS (Recreational)	Monitored (c)	D.O. E.coli	1.5	
Crooked Creek	Westville	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli D.O.	1.5	Biological Assessment, Very poor”.
Crooked Creek	Valparaiso	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli D.O.	3.2	Biological Assessment, Poor”.
Crooked Creek, West Branch	Valparaiso	PS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli D.O.	4.1	Biological Assessment, “Fair”.
Crooked Creek, West Branch	Kouts	FS (Aquatic Life Threatened) NS (Recreational)	Monitored (c) (b)	E.coli Non point source	47.4	
Pleasant Township Ditch	Kouts	FS (Aquatic Life Threatened) NS (Recreational)	Monitored (c)	E.coli	10.3	Threatened due to bypassing from Kouts STP.
Sandy Hook/Ahlgrim Ditch	Kouts	NS (Aquatic Life)	Monitored (b)	D.O.	3.0	Biological Assessment, Poor”.
Sandy Hook/Cobb Ditches	Kouts	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	9.0	
Phillips Ditch	Kouts	FS (Aquatic Life) FS (Recreational)	Monitored (c)		5.0	
Cornell Ditch	Hebron	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	D.O. E.coli	5.0	Low D.O. at time of sampling.
Cobb Creek	Hebron	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli Non point source	4.7	

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Cobb Creek	Hebron	FS (Aquatic Life)	Monitored (c) (b)		5.9	
Cobb Creek/Breyfogel	Hebron	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	Ammonia Low D.O. E.coli	3.4	Hebron STP impacts stream with low D.O. <u>E.coli</u> and occasional ammonia violations. Biological Assessment, Poor”.
Hodge Ditch	Wheatfield	NS (Aquatic Life)	Monitored (c) (b)	Low D.O.	4.0	Biological Assessment, Very poor”.
Hodge Ditch and tributaries	DeMotte	FS (Aquatic Life) FS (Recreational)	Monitored (c) (b)		70.4	
DeHean and Tyler Ditches	DeMotte	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli D.O.	11.2	DeMotte STP impacts stream. Biological Assessment, “Poor” on Tyler Ditch.
Brent Ditch	DeMotte	FS (Aquatic Life) FS (Recreational)	Monitored (c)		4.0	
Evers Ditch	DeMotte	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	6.0	
Otis Ditch	DeMotte	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	7.6	
Knight Ditch	Lake Village	NS (Aquatic Life)	Monitored (b)		7.0	Biological Assessment “Very Poor” near Lake Village, “Fair” further upstream.
Beaver Lake Ditch and tributaries	Lake Village	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli Non point source	30.5	
Lawlet Ditch and tributaries	Lake Village	FS (Aquatic Life) FS (Recreational)	Monitored (c)		22.4	
Best Ditch and tributaries	Lake Village	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	10.6	Biological Assessment, “Poor”.

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Beaver Creek and tributaries	Eros	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	47.0	
Beaver Creek	Morocco	NS (Aquatic Life) PS (Recreational)	Monitored (c) (b)	E.coli D.O.	1.2	Morocco sewer system impacts stream. Biological Assessment, "Poor".
Beaver Creek	Morocco	FS (Aquatic Life)	Monitored (b)		2.4	1 mile east of Illinois border.
Singleton Creek	Schneider	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli D.O.	44.7	
Bryant Ditch	LeRoy	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	6.2	Apply Valley Mobile Home Park impacts stream.
Brown Ditch	Hebron	FS (Aquatic Life)	Monitored (b)		3.0	
Brown/Tully Ditch	Shelby	NS (Aquatic Life) FS (Recreational)	Monitored (c) (b)	Low D.O.	32.2	Biological Assessment was "Poor" for Tully Ditch near Shelby.
West Creek	St. John	FS (Aquatic Life) FS (Recreational)	Monitored (c) (b)		21.2	
Craigmile Ditch	Knox	FS (Aquatic Life)	Monitored (b)		2.0	
Bessler Ditch	LaCrosse	FS (Aquatic Life)	Monitored (b)		0.5	
Cedar Lake Ditch	N. Judson	NS (Aquatic Life)	Monitored (b)		4.0	Biological Assessment rate, "Poor".
Delehanfy Ditch	Wheatfield	NS (Aquatic Life)	Monitored (b)		4.1	Biological Assessment rate, "Poor".

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Stony Run E. Ditch	LeRoy	NS (Aquatic Life)	Monitored (b)		5.0	Biological Assessment rate, "Poor".
Eagle Creek	Knox	FS (Aquatic Life)	Monitored (b)		6.8	
Eagle Creek	Knox	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	18.4	
Tuesburg Ditch (Hanna Arm)	Hanna	FS (Aquatic Life)	Monitored (b)		9.0	
Jordan Creek	Walkerton	FS (Aquatic Life)	Monitored (b)		1.0	
Kuehn Ditch	LaCrosse	FS (Aquatic Life)	Monitored (b)		1.5	
Long Ditch	Kingsford Hts.	NS (Aquatic Life)	Monitored (b)		4.0	Biological Assessment, "Poor".
Whitham Ditch	Kingsford Hts.	NS (Aquatic Life)	Monitored (b)		2.0	Biological Assessment, "Poor".
Whaley Ditch	Kentland	FS (Aquatic Life)	Monitored (b)		3.0	

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Whitham Ditch	Hanna	FS (Aquatic Life)	Monitored (b)		2.0	
Richman Ditch	Hanna	FS (Aquatic Life)	Monitored (b)		6.8	
Rice Ditch	Hanna	NS (Aquatic Life)	Monitored (b)		2.2	Biological Assessment, "Poor".
Salisbury Ditch	Kingsford Hts.	NS (Aquatic Life)	Monitored (c) (b)		2.0	Biological Assessment, "Very Poor".
Iroquois River	Rensselaer	FS (Aquatic Life) FS (Recreational)	Monitored (c) (b)		51.4	
Iroquois River	Parr	NS (Aquatic Life)	Monitored (b)		5.0	Biological Assessment, "Very Poor", but "Good" further downstream.
Carpenter Creek	Remmington	FS (Aquatic Life) FS (Recreational)	Monitored (c) (b)		18.1	
Carpenter Creek	Egypt	NS (Aquatic Life)	Monitored (b)		7.0	Biological Assessment, "Poor".
Hunter Ditch	Goodland	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	3.1	
Darroach Ditch	Kentland	FS (Aquatic Life)	Monitored (b)		3.4	
Montgomery Ditch	Kentland	FS (Aquatic Life)	Monitored (b)		20.1	
Cedar Creek	Lowell	NS (Aquatic Life)	Monitored (c) (b)	E.coli	3.0	Biological Assessment, "Poor".

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Foss Ditch	Lake Dalecarlia	FS (Aquatic Life Threatened)	Monitored (c)	D.O.	4.5	Occasional low D.O. Center utilities STP.
Lost Creek	Nappanee	FS (Aquatic Life)	Monitored (b)		1.5	
Yellow Creek	Nappanee	NS (Aquatic Life)	Monitored (b)		1.8	Biological Assessment, "Poor".
Moffit Ditch	DeMotte	NS (Aquatic Life)	Monitored (b)		1.0	Biological Assessment, "Poor".
Unnamed Tributary of English Lake	N. Judson	NS (Aquatic Life)	Monitored (b)		1.3	Biological Assessment, "Poor".
Geisel Ditch (Spring Run)	Lowell	FS (Aquatic Life)	Monitored (b)		2.0	
Hunsley Ditch (Sheldon Arm)	Hanna	FS (Aquatic Life)	Monitored (b)		1.5	
Bice Ditch	Rensselaer	FS (Aquatic Life)	Monitored (b)		10.2	
Banham Ditch	Earl Park	NS (Aquatic Life)	Monitored (b)		3.7	Biological Assessment, "Poor".
Bruner Ditch	Rensselaer	FS (Aquatic Life)	Monitored (b)		2.7	
Curtis Creek	Rensselaer	NS (Aquatic Life)	Monitored (b)		7.0	
Curtis Creek	Rensselaer	NS (Aquatic Life)	Monitored (b)		7.0	Biological Assessment, "Poor".
Dexter Ditch	DeMotte	FS (Aquatic Life)	Monitored (b)		5.0	
Finigan Ditch	Benton	FS (Aquatic Life)	Monitored (c)		1.0	
Goshwa Ditch	Remmington	FS (Aquatic Life)	Monitored (c)		8.7	

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Hickory Branch	Newton	FS (Aquatic Life)	Monitored (c)		3.0	
Lateral Ditch # 77	Lewiston	FS (Aquatic Life)	Monitored (c)		3.0	
Leuck Ditch	Fowler	FS (Aquatic Life)	Monitored (c)		9.4	
Leuck Ditch	Ambia	FS (Aquatic Life)	Monitored (b)		9.4	
Mud Creek	Earl Park	FS (Aquatic Life)	Monitored (c)		14.0	
Mud Lake Ditch	Enos	NS (Aquatic Life)	Monitored (b)		3.7	Biological Assessment, "Poor".
Narrows Ditch	Morocco	FS (Aquatic Life)	Monitored (b)		2.4	
Oliver Ditch	Rensselaer	NS (Aquatic Life)	Monitored (b)		5.2	Biological Assessment, "Poor".
Oliver Ditch	Lewiston	FS (Aquatic Life)	Monitored (b)		1.1	
Oliver Ditch	Wheatfield	NS (Aquatic Life)	Monitored (b)		1.0	Biological Assessment, "Poor".
Ryan Ditch	Lewiston	FS (Aquatic Life)	Monitored (b)		0.5	Biological Assessment, "Poor".
Slough Creek	Rensselaer	FS (Aquatic Life)	Monitored (b)		1.5	
Slough Creek	Rensselaer	NS (Aquatic Life)	Monitored (b)		1.0	Biological Assessment, "Poor".
Sugar Creek	Earl Park	FS (Aquatic Life)	Monitored (b)		6.0	
Thompson Ditch	Brooke	FS (Aquatic Life)	Monitored (b)		1.5	
Whaley Ditch	Kentland	FS (Aquatic Life)	Monitored (b)		0.5	



<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Lawrence Pontius Ditch	Koontz Lake	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	3.4	
Robbins Ditch	Koontz Lake	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	5.1	
Robbins Ditch	Hamlet	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	26.2	Biological Assessment, "Poor".
Robbins Ditch	Hamlet	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	1.3	
Blad Ditch	Hamlet	FS (Aquatic Life) NS (Recreational)	Monitored (c)	Low D.O. Ammonia E.coli <u>Phosphorus</u>	1.4	Jellystone Park STP having operational problems.
Blad Ditch	Hamlet	FS (Aquatic Life)	Monitored (c)		3.5	
Jain Ditch	Hamlet	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	27.2	Biological Assessment, "Poor".
Danielson Ditch	Hamlet	FS (Aquatic Life) FS (Recreational)	Monitored (c)		12.5	
Bailey Ditch	Hamlet	FS (Aquatic Life Threatened) FS (Recreational)	Monitored (c)	Low D.O.	33.5	
Laramore Ditch	Knox	FS (Aquatic Life) FS (Recreational)	Monitored (c)		19.0	
Wolf Creek	Argos	FS (Aquatic Life) FS (Recreational)	Monitored (c) (b)		5.4	
Wolf Creek	Argos	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	6.9	
Meyers Ditch	Argos	PS (Aquatic Life) NS (Recreational)	Monitored (c)		15.9	Argos STP permit violations causing degradation in streams.
Clifton Ditch	Hibbard	FS (Aquatic Life) FS (Recreational)	Monitored (c)	E.coli D.O.	4.4	

<b>WATERBODY</b>	<b>NEAREST TOWN</b>	<b>STATUS OF DESIGNATED USE SUPPORT 1</b>	<b>METHOD OF ASSESSMENT 2</b>	<b>PROBABLE CAUSE OF IMPAIRMENT</b>	<b>MILES AFFECTED</b>	<b>COMMENTS</b>
Lowry/Listenberger Ditch	Burr Oak	FS (Aquatic Life) FS (Recreational)	Monitored (c)		6.4	
Harry Cool Ditch	Twin Lakes	NS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E.coli	6.0	Biological Assessment, "Poor".
Gunnard Anderson Ditch	Ancilla Domini	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	6.4	Ancilla Domini : STP discharge to Gilbert Lake which affects ditch.
Earl Gjmere Ditch	Ancilla Domini	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	5.8	
Cavanaugh Ditch	Knox	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E.coli	2.4	Low level toxic parameters in sediment.

1 PS = Partial Support; NS = Non Support; FS = Full Support. IF a use is not listed, it was not monitored or evaluated.

2 b = biological; c = chemical

# APPENDIX C

POTENTIAL STAKEHOLDERS FOR  
THE KANKAKEE RIVER WATERSHED

# Potential Stakeholders in the Kankakee River Watershed

## **Elkhart County**

Elkhart County SWCD  
17746-B County Road 34  
Goshen, IN 46528-9261  
(219) 533-4383

USDA-NRCS  
17746-B County Road 34  
Goshen, IN 46528-9261  
(219) 533-4383

Elkhart County Commissioners  
117 N 2<sup>nd</sup> Street  
Goshen, IN 46528  
(219) 534-3541

Elkhart County Cooperative Extension Service  
17746 County Road 34  
Goshen, IN 46528  
(219) 533-0554

Elkhart County Health Department  
117 N 2<sup>nd</sup> Street, Room 112  
Goshen, IN 46526-3231  
(219) 533-4431

## **Jasper County**

Jasper County Health Department  
105 W Kellner Blvd.  
Rensselaer, IN 47978-2626  
(219) 866-4917

Jasper County SWCD  
800 South College Avenue  
Rensselaer, IN 47978-3054  
(219) 866-8554

USDA-NRCS  
800 South College Avenue  
Rensselaer, IN 47978-3054  
(219) 866-8554

Remington Town Hall  
3 East Michigan Street  
Remington, IN 47977

(219) 261-2523

Mayor of Rensselaer  
122 South Van Rensselaer Street  
Rensselaer, IN 47978  
(219) 866-5212

Jasper County Cooperative Extension Service  
122 North Cullen Street  
Rensselaer, IN 47978  
(219) 866-5741

Jasper County Planning and Development  
115 West Washington Street  
Rensselaer, IN 47978  
(219) 866-4908

Jasper County Surveyor  
115 West Washington Street  
Rensselaer, IN 47978  
(219) 866-4907

Jasper County Courthouse  
County Commissioners  
Rensselaer, IN 47987  
(219) 956-3606

## **Kosciusko County**

Kosciusko County Health Department  
Courthouse Third Floor, Rm. 2  
100 West Center Street  
Warsaw, IN 46580-2877  
(219) 372-2349

Kosciusko County SWCD  
217 E Bell Drive  
Warsaw, IN 46580-9350  
(219) 267-7445

USDA-NRCS  
217 E Bell Drive  
Warsaw, IN 46580-9350  
(219) 267-7445

Kosciusko County Cooperative Extension Service  
100 W Center Street  
Warsaw, IN 46580  
(219) 372-2340

Kosciusko County Commissioners  
100 W Center Street  
Warsaw, IN 46580  
(219) 372-2433

Kosciusko County Surveyor  
100 W Center Street  
Warsaw, IN 46580  
(219) 372-2366

## Lake County

Sue Gerlach  
IDNR , RS  
928 S. Court Street, Ste. C  
Crown Point, IN 46307-4848  
(219) 663-0238, Ext. 3

Lake County Health Department  
2293 N. Main St.  
Crown Point, IN 46307-1896  
(219) 755-3655

Lake County SWCD  
928 S. Court Street, Ste. C  
Crown Point, IN 46307-4848  
(219) 663-0588

USDA-NRCS  
928 S. Court Street, Ste. C  
Crown Point, IN 46307-4848  
(219) 663-0588

Lake County Cooperative Extension Service  
2293 N. Main Street  
Crown Point, IN 46307-1885  
(219) 755-3240

Lake County Commissioners  
2293 N. Main Street  
Crown Point, IN 46307-1885  
(219) 755-3200

Lake County Surveyor  
2293 N Main Street, # 14  
Crown Point, IN 46307-1932  
(219) 755-3745

LaPorte County

LaPorte County Health Department  
County Complex, 4<sup>th</sup> Floor  
809 State Street  
LaPorte, IN 46350-3329  
(219) 326-6808, Ext. 200

LaPorte County SWCD  
100 Legacy Plaza West  
LaPorte, IN 46350-5274  
(219) 324-6303

USDA-NRCS  
100 Legacy Plaza West  
LaPorte, IN 46350-5274  
(219) 324-6303

LaPorte County Government Offices  
% County Surveyor  
813 Lincolnway  
LaPorte, IN 46350-3436  
(219) 873-7014

LaPorte County Cooperative Extension Service  
Courthouse Square, 502A  
809 State Street  
LaPorte, IN 46350  
(219) 326-6808

LaPorte County Commissioners  
County Courthouse  
809 State Street  
LaPorte, IN 46350

## Marshall County

Marshall County Health Department  
112 W Jefferson St., Room 103  
Plymouth, IN 46563-1764  
(219) 935-8565

Marshall County SWCD  
2903 Gary Drive, Suite 1  
Plymouth, IN 46563-0000  
(219) 936-2024

USDA-NRCS  
2903 Gary Drive, Suite 1  
Plymouth, IN 46563-0000  
(219) 936-2024

Marshall County Cooperative Extension Service  
304 Marshall County Building  
112 W. Jefferson Street  
Plymouth, IN 46563-1764  
(219) 935-8545

Marshall County Surveyor  
112 W. Jefferson Street  
Plymouth, IN 46563-1764  
(219) 935-8530

Marshall County Commissioners  
112 W. Jefferson Street  
Plymouth, IN 46563-1764

(219) 935-8510

## **Newton County**

Newton County Health Department  
210 East State Street  
P.O. Box 139  
Morocco, IN 47963-0139  
(219) 285-2052

Newton County SWCD  
213 East North Street  
P.O. Box 440  
Morocco, IN 47963-0440  
(219) 285-6802

USDA-NRCS  
  
213 East North Street  
P.O. Box 440  
Morocco, IN 47963-0440  
(219) 285-6802

Morocco Town Clerk  
112 East Main Street  
Morocco, IN 47963  
(219) 285-2070

Goodland Town Hall  
115 West Union Street  
Goodland, IN 47948  
(219) 297-4841

Brook Town Hall  
223 West Main Street  
Brook, IN 47922  
(219) 275-6181

Kentland Town Hall  
300 North 3<sup>rd</sup> Street  
Kentland, IN 47951  
(219) 474-5062

Newton County Commissioners  
201 North 3<sup>rd</sup> Street  
Kentland, IN 47951  
(219) 474-6081

Newton County Cooperative Extension Service  
201 North 3<sup>rd</sup> Street  
Kentland, IN 47951  
(219) 474-6081

Newton County Surveyor  
201 North 3<sup>rd</sup> Street

Kentland, IN 47951  
(219) 474-6081

## **Porter County**

Porter County Health Department  
155 Indiana Avenue, Suite 104  
Valparaiso, IN 46383-5502  
(219) 465-3525

Porter County SWCD  
3001 Leonard Drive, Suite 104  
Valparaiso, IN 46383-4386  
(219) 464-1049

USDA-NRCS  
3001 Leonard Drive, Suite 104  
Valparaiso, IN 46383-4386  
(219) 462-7515

Porter County Commissioners  
155 Indiana Avenue, Suite 205  
Valparaiso, IN 46383-5555  
(219) 465-3440

Porter County Surveyor  
155 Indiana Avenue, Suite 303  
Valparaiso, IN 46383-5555  
(219) 465-3560

Porter County Cooperative Extension Service  
155 Indiana Avenue, Suite 301  
Valparaiso, IN 46383-5555  
(219) 465-3555

## **Pulaski County**

Pulaski County Health Department  
Pulaski Co. Building, Suite 205  
125 S. Riverside Drive  
Winamac, IN 46996-1528  
(219) 946-6080

Pulaski County SWCD  
309 North West Street  
Winamac, IN 46996-1247  
(219) 946-3243

Pulaski County Cooperative Extension Service  
125 South Riverside Drive  
# 120  
Winamac, IN 46996  
(219) 946-3412

Pulaski County Surveyor

112 East Main Street  
Winamac, IN 46996  
(219) 946-3253

USDA-NRCS  
309 North West Street  
Winamac, IN 46996-1247  
(219) 946-3243

## **St. Joseph County**

St. Joseph County SWCD  
St. Joseph Co. Farm Bureau  
60455 U.S. 31 South, Suite 4  
South Bend, IN 46614-5137  
(219) 291-7444

USDA-NRCS  
St. Joseph Co. Farm Bureau  
60455 U.S. 31 South, Suite 4  
South Bend, IN 46614-5137  
(219) 291-7444

St. Joseph County Health Department  
County-City Building, Floor 8  
227. W. Jefferson Blvd.  
South Bend, IN 46601-1807  
(219) 235-9750

South Bend Audubon Society  
P.O. Box 581  
Mishawaka, IN 46546  
(219) 243-8739

St. Joseph County Surveyor  
227 East Jefferson Blvd.  
South Bend, IN 46601  
(219) 235-9631

St. Joseph County Cooperative Extension Service  
227 W. Jefferson Blvd.  
646 County-City Bldg.  
South Bend, IN 46601-1870  
(219) 235-9604

## **Starke County**

Starke County Health Department  
Courthouse, First Floor  
53 East Mound Street  
Knox, IN 46534-1148  
(219) 772-9137

Starke County SWCD  
1406 South Heaton Street

Knox, IN 46534-2395  
(219) 772-3066

USDA-NRCS  
1406 South Heaton Street  
Knox, IN 46534-2395  
(219) 772-3066

Starke County Commissioners  
53 East Mound Street  
Knox, IN 46534  
(219) 772-9106

Starke County Cooperative Extension Service  
1 East Washington, Street  
Knox, IN 46534  
(219) 772-9141

Starke County Surveyor  
53 East Mound Street  
Knox, IN 46534  
(219) 772-9135

## **OTHER STAKEHOLDERS**

Kankakee FWA  
Glenn McCormick  
P.O. Box 77  
North Judson, IN 46366  
(219) 896-3522

Willow Slough FWA  
2042 S 500 W  
Morocco, IN 47963  
(219) 285-2704

Jasper-Pulaski FWA  
5822 Fish and Wildlife Lane  
Medaryville, IN 47957  
(219) 843-4841

Sierra Club  
212 W. 10th Street, Suite A-335  
Indianapolis, IN 46202  
(317) 972-1903

C.R. Pumroy  
1107 South 600 East  
Kouts, IN 46347

Arrow Head Country RC&D  
Randy Moore  
436 N. West Street  
Winamac, IN 46996

(219) 946-3022

Kankakee River Basin Commission  
Jody Melton  
6100 Southport Road  
Portage, IN 46368  
(219) 763-0696

J.R. Black  
Alliance to Restore the Kankakee  
9 Northview  
Kankakee, IL 60901  
(815) 939-4971

IDNR Region 2  
5931 Fox River Drive  
Plano, IL 60545  
(630) 553-0164

Northwestern Indiana Regional  
Planning Commission  
6100 Southport Road  
Portage, IN 46368  
(219) 763-6060

The Nature Conservancy  
Mary McConnell  
1330 West 38<sup>th</sup> Street  
Indianapolis, IN 46208-4103  
(317) 923-7547

U.S. Fish and Wildlife Service  
620 South Walker Street  
Bloomington, IN 47403-2121  
(812) 334-4261

The Kankakee River Basin Partnership  
685 Larry Power Road  
Bourbonnais, IL 60914



# Statewide Potential Stakeholders

Indiana Farm Bureau  
225 S East St  
Indianapolis, IN 46202  
(765) \_\_\_\_-\_\_\_\_

Indiana Department of Environmental Management  
100 N. Senate Ave  
P.O. Box 6015  
Indianapolis, IN 46206-6015

IDEM Switchboard  
(317) 232-8603 or (800) 451-6027

Agricultural Liaison (317) 232-8587

Air Management (317) 233-0178

Community Relations (317) 233-6648

Compliance and Technical Assistance (317) 232-8172

Criminal Investigations (317) 232-8128

Enforcement (317) 233-5529

Environmental Response (317) 308-3017

Legal Counsel (317) 232-8493

Media and Communication Services (317) 232-8560

Pollution Prevention and Technical Assistance (317) 232-8172

Solid and Hazardous Waste Management (317) 233-3656

Water Management (317) 232-8670

## Indiana Department of Natural Resources

402 West Washington Street  
Indianapolis, IN 46204-2748

*IDNR Field Representatives are located in the individual County SWCDs.*

Division of Engineering (317) 232-4150

Division of Entomology and Plant Pathology (317) 232-4120

Division of Fish & Wildlife (317) 232-4080

Division of Forestry (317)-232-4105

Division of Historic Preservation & Archaeology (317) 232-1646

Division of Law Enforcement (317) 232-4010

Division of Nature Preserves (317)-232-4052

Division of Oil and Gas (317) 232-4055

Division of Outdoor Recreation (317)-232-4070

Division of Public Information and Education (317) 232-4200

Division of Reclamation (317)-232-1547

Division of Safety and Training (317) 232-4145

Division of Soil Conservation (317)-233-3870

Division of State Parks and Reservoirs (317)-232-4124

Division of Water (317)-232-4160

## Indiana State Department of Health

2 North Meridian St.  
Indianapolis, IN 46204  
(317) 233-1325

# Federal Potential Stakeholders

**Indiana Natural Resources  
Conservation Service**

6013 Lakeside Blvd  
Indianapolis, In 46278  
(317) 290-3200

*NRCS Field Representatives are located in the individual  
County SWCDs.*

**U.S. EPA Region 5**

77 West Jackson Blvd  
Chicago, IL 60604  
(312) 353-2000  
(800) 632-8431

U.S. Corps of Engineers  
South Bend Sub-Office  
6910 N Grumwood  
Granger, IN 46530  
(219) 277-6044

# APPENDIX D

## FUNDING SOURCES

# FUNDING SOURCES

This listing of funding sources was derived from the November 1998 *Watershed Action Guide for Indiana*, which is available from the Watershed Management Section of IDEM.

## FEDERAL CONSERVATION AND WATERSHED PROGRAMS

### *Environmental Protection Agency*

#### Section 319, 604(b), and 104(b)3 Grants

Grants for conservation practices, water body assessment, watershed planning, and watershed projects. Available to non-profit or governmental entities. These monies, enabled by the Clean Water Act, are funneled through the Indiana Department of Environmental Management. *For details see IDEM below.*

### *U.S. Department of Agriculture (See county listings for local federal agency contacts.)*

**EQIP:** Environmental Quality Incentive Program. Administered by the Natural Resources Conservation Service. Conservation cost-share program for implementing Best Management Practices, available to agricultural producers who agree to implement a whole-farm plan that addresses major resource concerns. Up to \$50,000 over a 5- to 10-year period. Some parts of the state are designated Conservation Priority Areas and receive a larger funding allotments.

**WRP:** Wetland Reserve Program. Administered by the Natural Resources Conservation Service. Easement and restoration program to restore agricultural production land to wetland. Easements may be for 10 years, 30 years, or permanent. Longer easements are preferred. Partnerships with other acquisition programs are encouraged. Restoration and legal costs are paid by NRCS. Landowner retains ownership of the property and may use the land in ways that do not interfere with wetland function and habitat, such as hunting, recreational development, and timber harvesting.

**CRP:** Conservation Reserve Program. Administered by the Farm Service Agency with technical assistance from NRCS. Conservation easements in certain critical areas on private property. Agricultural producers are eligible. Easements are for 10 or 15 years, depending on vegetative cover, and compensation payments are made yearly to replace income lost through not farming the land. Cost share is available for planting vegetative cover on restored areas.

**WHIP:** Wildlife Habitat Incentive Program. Administered by the Natural Resources Conservation Service. Cost share to restore habitat on previously farmed land. Private landowners who are agricultural producers are eligible. Cost share up to 75%, and contracts are for 10 years.

**FIP:** Forestry Incentive Program. Administered by the Natural Resources Conservation Service. Cost-share to assist forest management on private lands. Funds may be limited.

*U.S. Fish & Wildlife Service*

**Partners for Wildlife:** assistance for habitat restoration.

## STATE CONSERVATION AND WATERSHED PROGRAMS

*IDNR Division of Soil Conservation*

**LARE:** Lake & River Enhancement Program. Funds diagnostic and feasibility studies in selected watersheds and cost-share programs through local Soil & Water Conservation Districts. Project oversight provided through county-based Resource Specialists and Lake & River Enhancement Watershed Coordinators. Funding requests for Watershed Land Treatment projects must come from Soil & Water Conservation Districts. If a proposed project area includes more than one district, the affected SWCDs should work together to develop an implementation plan. The SWCDs should then apply for the funding necessary to administer the watershed project. Before applying for funding, the SWCDs should contact the Lake & River Enhancement Coordinators to determine (1) the appropriate watershed to include in the project, (2) if the proposed project meets the eligibility criteria, and (3) if funding is available.

*IDNR Division of Fish & Wildlife*

**Classified Wildlife Habitat Program:** Incentive program to foster private wildlife habitat management through tax reduction and technical assistance. Landowners need 15 or more acres of habitat to be eligible. IDNR provides management plans and assistance through District Wildlife Managers. See county listings.

**Wildlife Habitat Cost-share Program:** Similar to above.

*IDNR Division of Forestry*

**Classified Forest Program:** Incentive program to foster private forest management through tax reduction and technical assistance. Landowners need 10 or more acres of woods to be eligible. IDNR provides management plans and assistance through District Foresters. (See county listings.)

**Classified Windbreak Act:** Establishment of windbreaks at least 450 feet long adjacent to tillable land. Provides tax incentive, technical assistance through IDNR District Foresters.

**Forest Stewardship Program & Stewardship Incentives Program:** Cost share and technical assistance to encourage responsibly managed and productive private forests.

*IDNR Division of Reclamation*

**Appalachian Clean Streams Initiative:** Funds for acid mine drainage abatement.

*IDNR Division of Nature Preserves*

**State Nature Preserve Dedication:** Acquisition and management of threatened habitat.

*IDEM Office of Water Management*

**State Revolving Fund:** Available to municipalities and counties for facilities development. Will be available in 1999 for nonpoint source projects as well. Funding is through very low-interest loans.

**Section 319 Grants:** Available to nonprofit groups, municipalities, counties, and institutions for implementing water quality improvement projects that address nonpoint source pollution concerns. Twenty-five percent match is required, which may be cash or in-kind. Maximum grant amount is \$112,500. Projects are allowed two years for completion. Projects may be for land treatment through implementing Best Management Practices, for education, and for developing tools and applications for state-wide use.

**Section 205(j) Grants, formerly called 604(b) Grants:** Available to municipalities, counties, conservation districts, drainage districts. These are for water quality management projects such as studies of nonpoint pollution impacts, nonagricultural NPS mapping, and watershed management projects targeted to Northwest Indiana (including BMPs, wetland restoration, etc.)

**Section 104(b)(3) Grants:** These are watershed project grants for innovative demonstration projects to promote statewide watershed approaches for permitted discharges, development of storm water management plans by small municipalities, projects involving a watershed approach to municipal separate sewer systems, and projects that directly promote community based environmental protection. NOTE: the application time frame for IDEM grant programs is annually, by March 31<sup>st</sup>.

## **PRIVATE FUNDING SOURCES**

*National Fish and Wildlife Foundation*

1120 Connecticut Avenue, NW Suite 900, Washington DC 20036. Nonprofit, established by Congress 1984, awards challenge grants for natural resource conservation. Federally

appropriated funds are used to match private sector funds. Six program areas include wetland conservation, conservation education, fisheries, migratory bird conservation, conservation policy, and wildlife habitat.

*Individual Utilities*

Check local utilities such as IPALCO, CINergy, REMC, NIPSCO. Many have grants for educational and environmental purposes.

*Indiana Hardwood Lumbermen's Association*

Indiana Tree Farm Program

*The Nature Conservancy*

*Land acquisition and restoration.*

Southern Lake Michigan Conservation Initiative

Blue River Focus Area

Fish Creek Focus Area

Natural Areas Registry

Hoosier Landscapes Capitol Campaign

*Conservation Technology Information Center (CTIC)*

'Know Your Watershed' educational materials are available

*Indiana Heritage Trust*

*Land acquisition programs*

*Ducks Unlimited*

*Land acquisition and habitat restoration assistance*

*Quail Unlimited*

*Pheasants Forever*

*Sycamore Land Trust*

*Acres Inc.*

*Land trust*

*Oxbow, Inc.*

*Land trust*

## **SOURCES OF ADDITIONAL FUNDING OPPORTUNITIES**

***Catalog of Federal Funding Sources for Watershed Protection***

EPA Office of Water (EPA841-B-97-008) September 1997

**GrantsWeb: <http://www.srainternational.org/cws/sra/resource.htm>**



# APPENDIX E

## **Written Stakeholder Comments**

# “Gentle Flow”

## Sediment Traps Mfg. Co.

Bill Nichols 219-  
696-6389  
gentleflow@hotmail.com

1006 W 203' Ave Lowell  
IN 46356-9746

November 14, 2000

Matt Jarvis  
Regional Watershed Conservationist  
1523 N US Highway 421  
Suite 2  
Delphi, IN 46923-9396

Dear Matt Jarvis

Subject: RESTORATION OF THE KANKAKEE RIVER WATERSHED

This is a great but simple problem.

- A. You must learn to work with "Mother Nature"
- B. You must start at the top of the source "at the tributary" and build detention ponds every time you have a two (2) foot descent.
- C. You must install sediment traps every time you have one (1) foot of fall.
- D Dead and floating trees must be taken out of the river.

Sincerely,

Bill Nichols